

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

1-14. (canceled)

15. (currently amended) A cutting balloon catheter, comprising:
an elongate catheter shaft;

a balloon coupled to the shaft, the balloon having a first inflated configuration and a second non-inflated configuration, wherein the balloon has a plurality of substantially smooth wings formed therein when in the second configuration;

a metallic cutting blade for severing or breaking up a lesion affixed to the balloon throughout the entire use of the cutting balloon catheter, the cutting blade including means for cutting having two intersecting planes which form a cutting edge, including means for gripping thereon, having a longitudinal axis, and having a cross-sectional shape that is substantially triangular in a plane transverse to the longitudinal axis;

wherein the means for cutting and means for gripping are defined by a series of undulations on the cutting blade in the first inflated configuration; and

wherein the undulations curve from side-to-side relative to the longitudinal axis in the first inflated configuration.

16-25. (canceled)